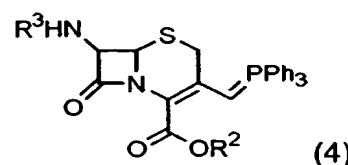
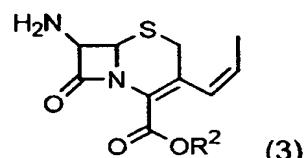
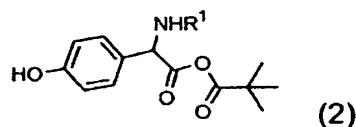
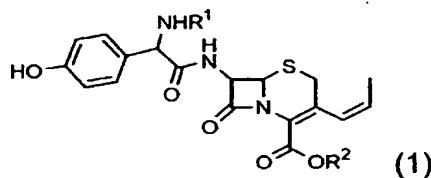


CLAIMS

1. A process for preparing a compound represented by the following formula 1 or its salt, which comprises:

5 reacting a compound represented by the following formula 4 with acetaldehyde in a mixed solvent comprising water, isopropanol, and methylenechloride in a volume ratio of 1:3-6:11-14 in the presence of a first base to stereospecifically prepare a compound represented by the following formula 3; and

10 reacting the compound of the formula 3 with an anhydrous compound represented by the following formula 2 in the presence of a second base:



wherein R¹ is a hydrogen or an amino protecting group, R² is a hydrogen or a carboxyl protecting group, and R³ is a hydrogen or an amino protecting group.

20 2. The process of claim 1, wherein the volume ratio of water, isopropanol, and methylenechloride in the mixed solvent is 1:4:12.

3. The process of claim 1, wherein the compound of the formula 3 reacts with the compound of the formula 2 at an equivalent ratio of 1 to 1.1-1.5.

4. The process of claim 1, wherein the compound of the formula 2 reacts with the compound of the formula 3 in a mixed solvent of water with an organic solvent selected from the group consisting of dimethylsulfoxide, dimethylformamide, dimethylacetamide, 1,4-dioxane, acetonitrile, dichloromethane, and a mixture thereof.

5. The process of claim 4, wherein in the mixed solvent, water is used in an amount of 0.05 to 0.3 parts by weight, based on 1 part by weight of the organic solvent.

6. The process of claim 1, wherein the second base is selected from the group consisting of N-methylmorpholine, triethylamine, diethylamine, n-tributylamine, N,N-dimethylaniline, and pyridine.